

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74805
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name NA
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Lone Tree
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Lone Tree Federal R-15-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013-34157
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SW 1998' FSL 1983' FWL At proposed prod. zone 1320' FSL 2620' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 17.2 miles southeast of Myton, UT		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 15, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 1320' f/lse, 2620' f/unit (Also to nearest drig. unit line, if any)	16. No. of acres in lease 520.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1340'	19. Proposed Depth 5,735'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5242' GL	22. Approximate date work will start* 1st Qtr. 2009	23. Estimated duration (7) days from SPUD to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 11/24/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 12-22-08
Title Office ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

Federal Approval of this
Action is Necessary

Surf
585812X
4431280Y
40.029269
-109.994302

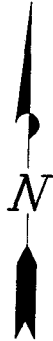
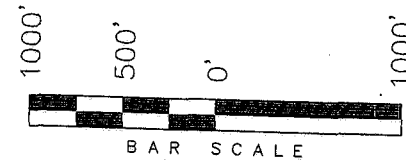
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DEC 11 2008
DIV. OF OIL, GAS & MINING

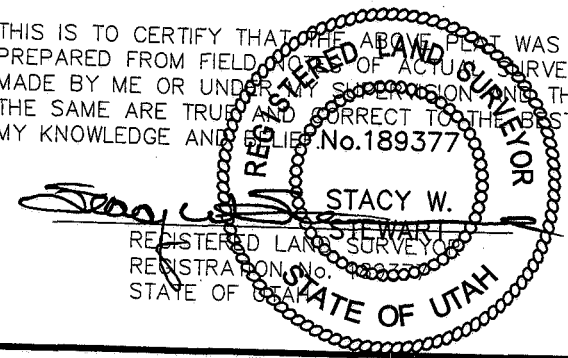
T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, LONE TREE R-15-9-17,
LOCATED AS SHOWN IN THE NE 1/4 SW
1/4 OF SECTION 15, T9S, R17E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.

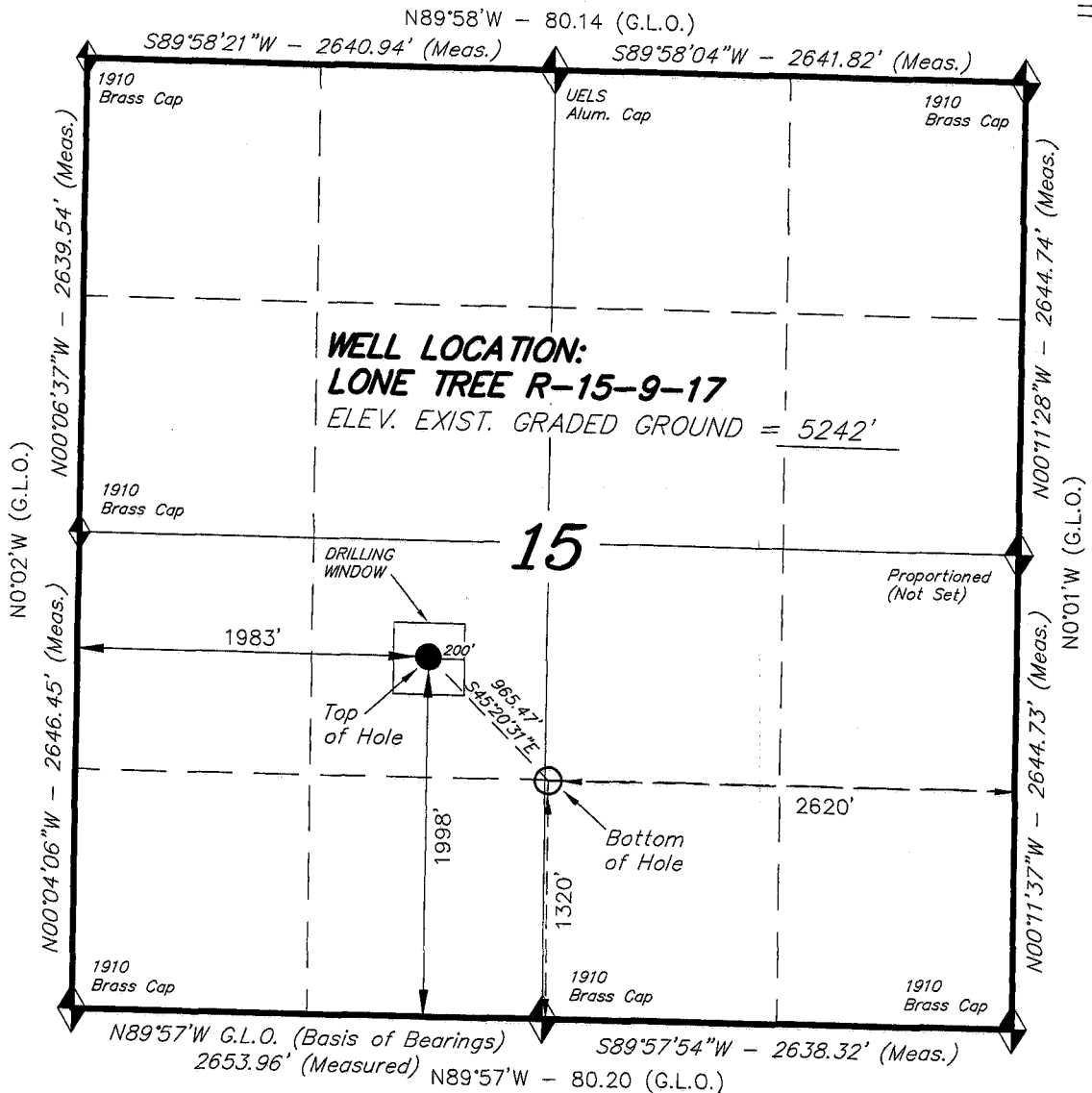


THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 10-08-08	SURVEYED BY: C.M.
DATE DRAWN: 10-13-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

**LONE TREE R-15-9-17
(Surface Location) NAD 83**
LATITUDE = 40° 01' 45.01"
LONGITUDE = 109° 59' 42.33"

NEWFIELD PRODUCTION COMPANY
LONE TREE FEDERAL R-15-9-17
AT SURFACE: NE/SW SECTION 15, T9S, R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1194'
Green River	1194'
Wasatch	5735'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1194' – 5735' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
LONE TREE FEDERAL R-15-9-17
AT SURFACE: NE/SW SECTION 15, T9S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Lone Tree Federal R-15-9-17 located in the NE 1/4 SW 1/4 Section 15, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 11.6 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly and then in a southeasterly direction - 2.6 miles \pm to it's junction with an existing dirt road to the east; proceed northeasterly - 1.3 miles \pm to it's junction with an existing road to the north; proceed northerly - 0.3 miles \pm to it's junction with the beginning of the access road to the existing S. Pleasant Valley Federal 11-15-9-17 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing S. Pleasant Valley Federal 11-15-9-17 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the S. Pleasant Valley Federal 11-15-9-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Lone Tree Federal R-15-9-17. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right : 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond

Water Right: 47-1358

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Lone Tree Federal R-15-9-17 will be drilled off of the existing S. Pleasant Valley Federal 11-15-9-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey for this area is attached. AERC Project #1598, 7/21/98. See attached report cover page, Exhibit "D". The Paleontological Resource Survey will be forthcoming.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Due to this proposed well access roads proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between Feb 1 and July 15. If the nest remains inactive on July 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between July 15 and Feb. 1 of the following year. If the nest site becomes active prior to July 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrel Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Lone Tree Federal R-15-9-17 was on-sited on 8/22/08. The following were present; Dave Allred (Newfield Production), Tim Eaton (Newfield Production), Dave Gordon (Bureau of Land Management), and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**Representative**

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

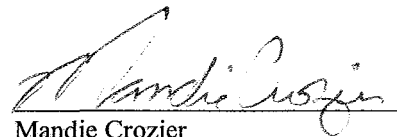
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #R-15-9-17 NE/SW Section 15, Township 9S, Range 17E: Lease UTU-74805 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

11/22/08

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company

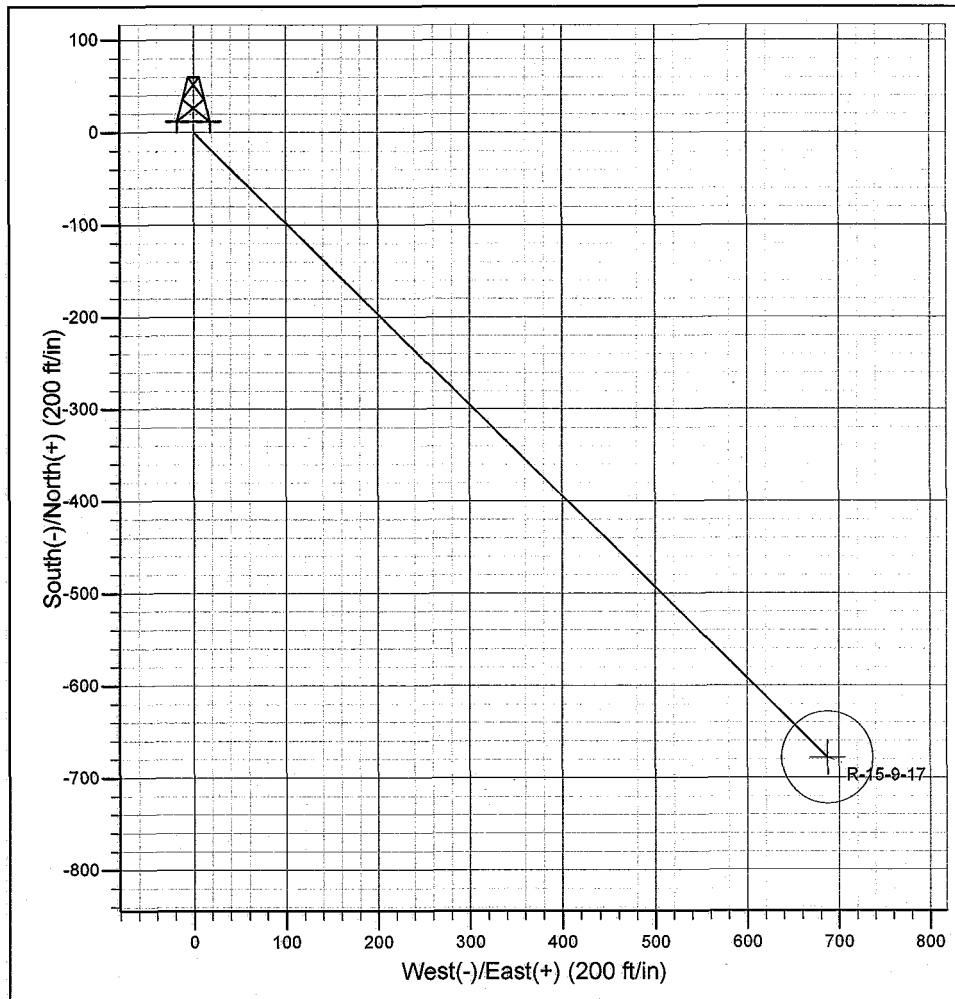
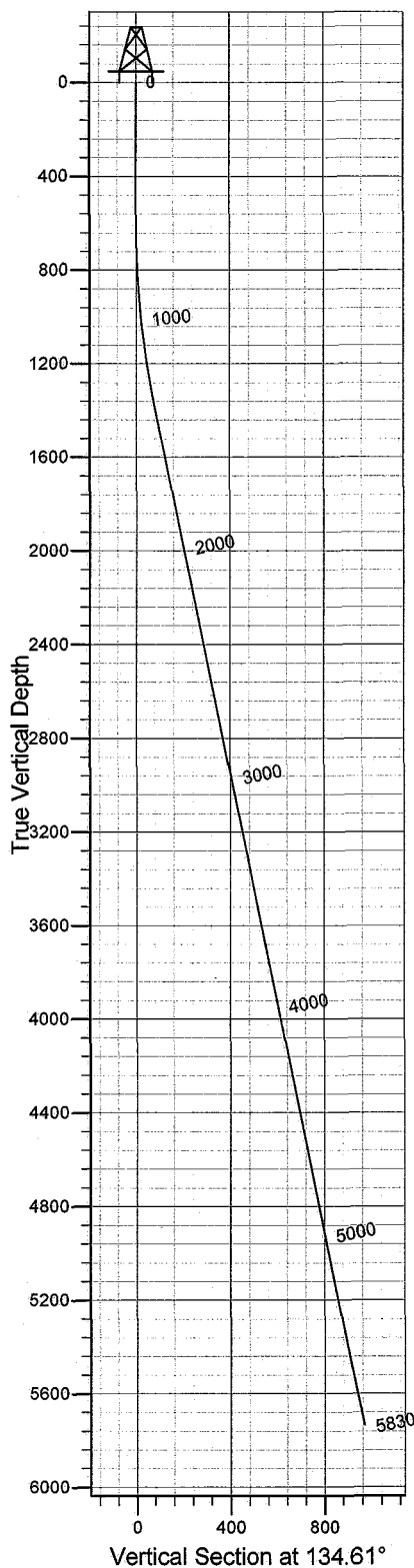
NEWFIELD



ROCKY MOUNTAINS

Newfield Production Company

Project: Monument Butte
Site: Lone Tree R-15-9-17
Well: Lone Tree R-15-9-17
Wellbore: Wellbore #1
Design: Design #1



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1365.8	11.49	134.61	1360.7	-53.7	54.5	1.50	134.61	76.5	
4	5829.5	11.49	134.61	5735.0	-678.0	687.4	0.00	0.00	965.5	R-15-9-17

PROJECT DETAILS: Monument Butte

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone
System Datum: Mean Sea Level



Azimuths to True North
 Magnetic North: 11.60°

Magnetic Field
 Strength: 52553.9snT
 Dip Angle: 65.87°
 Date: 11/21/2008
 Model: IGRF200510

Created by: Hans Wychgram

Date: 11-21-2008



Newfield Production Company

Planning Report

Database: EDM 2003.21 Single User Db
Company: Newfield Production Company
Project: Monument Butte
Site: Lone Tree R-15-9-17
Well: Lone Tree R-15-9-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Lone Tree R-15-9-17
TVD Reference: RKB @ 5254.0ft (NDSI #2)
MD Reference: RKB @ 5254.0ft (NDSI #2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Monument Butte		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Lone Tree R-15-9-17			
Site Position:		Northing:	2,189,350.37 m	Latitude: 40° 1' 45.010 N
From:	Lat/Long	Easting:	628,436.91 m	Longitude: 109° 59' 42.330 W
Position Uncertainty:	0.0 ft	Slot Radius:	in	Grid Convergence: 0.96 °

Well	Lone Tree R-15-9-17			
Well Position	+N/-S	0.0 ft	Northing:	2,189,350.37 m
	+E/-W	0.0 ft	Easting:	628,436.91 m
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft	Ground Level: 5,242.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	11/21/2008	11.60	65.87	52,554

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	134.61

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,365.8	11.49	134.61	1,360.7	-53.7	54.5	1.50	1.50	0.00	134.61	
5,829.5	11.49	134.61	5,735.0	-678.0	687.4	0.00	0.00	0.00	0.00	R-15-9-17



Newfield Production Company

Planning Report

Database: EDM 2003.21 Single User Db
Company: Newfield Production Company
Project: Monument Butte
Site: Lone Tree R-15-9-17
Well: Lone Tree R-15-9-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Lone Tree R-15-9-17
TVD Reference: RKB @ 5254.0ft (NDSI #2)
MD Reference: RKB @ 5254.0ft (NDSI #2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	134.61	700.0	-0.9	0.9	1.3	1.50	1.50	0.00
800.0	3.00	134.61	799.9	-3.7	3.7	5.2	1.50	1.50	0.00
900.0	4.50	134.61	899.7	-8.3	8.4	11.8	1.50	1.50	0.00
1,000.0	6.00	134.61	999.3	-14.7	14.9	20.9	1.50	1.50	0.00
1,100.0	7.50	134.61	1,098.6	-22.9	23.3	32.7	1.50	1.50	0.00
1,200.0	9.00	134.61	1,197.5	-33.0	33.5	47.0	1.50	1.50	0.00
1,300.0	10.50	134.61	1,296.1	-44.9	45.5	64.0	1.50	1.50	0.00
1,365.8	11.49	134.61	1,360.7	-53.7	54.5	76.5	1.50	1.50	0.00
1,400.0	11.49	134.61	1,394.2	-58.5	59.3	83.3	0.00	0.00	0.00
1,500.0	11.49	134.61	1,492.2	-72.5	73.5	103.2	0.00	0.00	0.00
1,600.0	11.49	134.61	1,590.2	-86.5	87.7	123.2	0.00	0.00	0.00
1,700.0	11.49	134.61	1,688.2	-100.5	101.9	143.1	0.00	0.00	0.00
1,800.0	11.49	134.61	1,786.2	-114.5	116.0	163.0	0.00	0.00	0.00
1,900.0	11.49	134.61	1,884.2	-128.4	130.2	182.9	0.00	0.00	0.00
2,000.0	11.49	134.61	1,982.2	-142.4	144.4	202.8	0.00	0.00	0.00
2,100.0	11.49	134.61	2,080.2	-156.4	158.6	222.7	0.00	0.00	0.00
2,200.0	11.49	134.61	2,178.2	-170.4	172.7	242.6	0.00	0.00	0.00
2,300.0	11.49	134.61	2,276.2	-184.4	186.9	262.6	0.00	0.00	0.00
2,400.0	11.49	134.61	2,374.2	-198.4	201.1	282.5	0.00	0.00	0.00
2,500.0	11.49	134.61	2,472.2	-212.3	215.3	302.4	0.00	0.00	0.00
2,600.0	11.49	134.61	2,570.2	-226.3	229.5	322.3	0.00	0.00	0.00
2,700.0	11.49	134.61	2,668.2	-240.3	243.6	342.2	0.00	0.00	0.00
2,800.0	11.49	134.61	2,766.2	-254.3	257.8	362.1	0.00	0.00	0.00
2,900.0	11.49	134.61	2,864.1	-268.3	272.0	382.0	0.00	0.00	0.00
3,000.0	11.49	134.61	2,962.1	-282.3	286.2	402.0	0.00	0.00	0.00
3,100.0	11.49	134.61	3,060.1	-296.3	300.4	421.9	0.00	0.00	0.00
3,200.0	11.49	134.61	3,158.1	-310.2	314.5	441.8	0.00	0.00	0.00
3,300.0	11.49	134.61	3,256.1	-324.2	328.7	461.7	0.00	0.00	0.00
3,400.0	11.49	134.61	3,354.1	-338.2	342.9	481.6	0.00	0.00	0.00
3,500.0	11.49	134.61	3,452.1	-352.2	357.1	501.5	0.00	0.00	0.00
3,600.0	11.49	134.61	3,550.1	-366.2	371.2	521.5	0.00	0.00	0.00
3,700.0	11.49	134.61	3,648.1	-380.2	385.4	541.4	0.00	0.00	0.00
3,800.0	11.49	134.61	3,746.1	-394.2	399.6	561.3	0.00	0.00	0.00
3,900.0	11.49	134.61	3,844.1	-408.1	413.8	581.2	0.00	0.00	0.00
4,000.0	11.49	134.61	3,942.1	-422.1	428.0	601.1	0.00	0.00	0.00
4,100.0	11.49	134.61	4,040.1	-436.1	442.1	621.0	0.00	0.00	0.00
4,200.0	11.49	134.61	4,138.1	-450.1	456.3	640.9	0.00	0.00	0.00
4,300.0	11.49	134.61	4,236.1	-464.1	470.5	660.9	0.00	0.00	0.00
4,400.0	11.49	134.61	4,334.1	-478.1	484.7	680.8	0.00	0.00	0.00
4,500.0	11.49	134.61	4,432.1	-492.1	498.9	700.7	0.00	0.00	0.00
4,600.0	11.49	134.61	4,530.1	-506.0	513.0	720.6	0.00	0.00	0.00
4,700.0	11.49	134.61	4,628.1	-520.0	527.2	740.5	0.00	0.00	0.00
4,800.0	11.49	134.61	4,726.1	-534.0	541.4	760.4	0.00	0.00	0.00
4,900.0	11.49	134.61	4,824.1	-548.0	555.6	780.4	0.00	0.00	0.00
5,000.0	11.49	134.61	4,922.1	-562.0	569.7	800.3	0.00	0.00	0.00
5,100.0	11.49	134.61	5,020.1	-576.0	583.9	820.2	0.00	0.00	0.00
5,200.0	11.49	134.61	5,118.1	-589.9	598.1	840.1	0.00	0.00	0.00



Newfield Production Company

Planning Report

Database: EDM 2003.21 Single User Db
Company: Newfield Production Company
Project: Monument Butte
Site: Lone Tree R-15-9-17
Well: Lone Tree R-15-9-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Lone Tree R-15-9-17
TVD Reference: RKB @ 5254.0ft (NDSI #2)
MD Reference: RKB @ 5254.0ft (NDSI #2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.0	11.49	134.61	5,216.1	-603.9	612.3	860.0	0.00	0.00	0.00
5,400.0	11.49	134.61	5,314.1	-617.9	626.5	879.9	0.00	0.00	0.00
5,500.0	11.49	134.61	5,412.1	-631.9	640.6	899.8	0.00	0.00	0.00
5,600.0	11.49	134.61	5,510.1	-645.9	654.8	919.8	0.00	0.00	0.00
5,700.0	11.49	134.61	5,608.1	-659.9	669.0	939.7	0.00	0.00	0.00
5,800.0	11.49	134.61	5,706.1	-673.9	683.2	959.6	0.00	0.00	0.00
5,829.5	11.49	134.61	5,735.0	-678.0	687.4	965.5	0.00	0.00	0.00

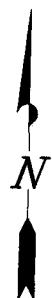
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

LONE TREE R-15-9-17 (Proposed Well)

LONE TREE 11-15-9-17 (Existing Well)

Pad Location: NESW Section 15, T9S, R17E, S.L.B.&M.



Existing
Stock Pile

TOP HOLE FOOTAGES

R-15-9-17 (PROPOSED)
1998' FSL & 1983' FWL

Edge of
Existing Pad

BOTTOM HOLE FOOTAGES

R-15-9-17 (PROPOSED)
1320' FSL & 2620' FEL

Existing Access

R-15-9-17 (PROPOSED)

11-15-9-17 (EXISTING)

Injection
Shed

S78°12'17"W

Existing
Anchor
(Typ.)

Future Pit

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
R-15-9-17	40° 01' 45.01"	109° 59' 42.33"
11-15-9-17	40° 01' 44.84"	109° 59' 42.48"

Note:

Bearings are based on
GLO Information.

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
R-15-9-17	-679'	687'

SURVEYED BY: C.M.	DATE SURVEYED: 10-08-08
DRAWN BY: F.T.M.	DATE DRAWN: 10-13-08
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.

(435) 781-2501

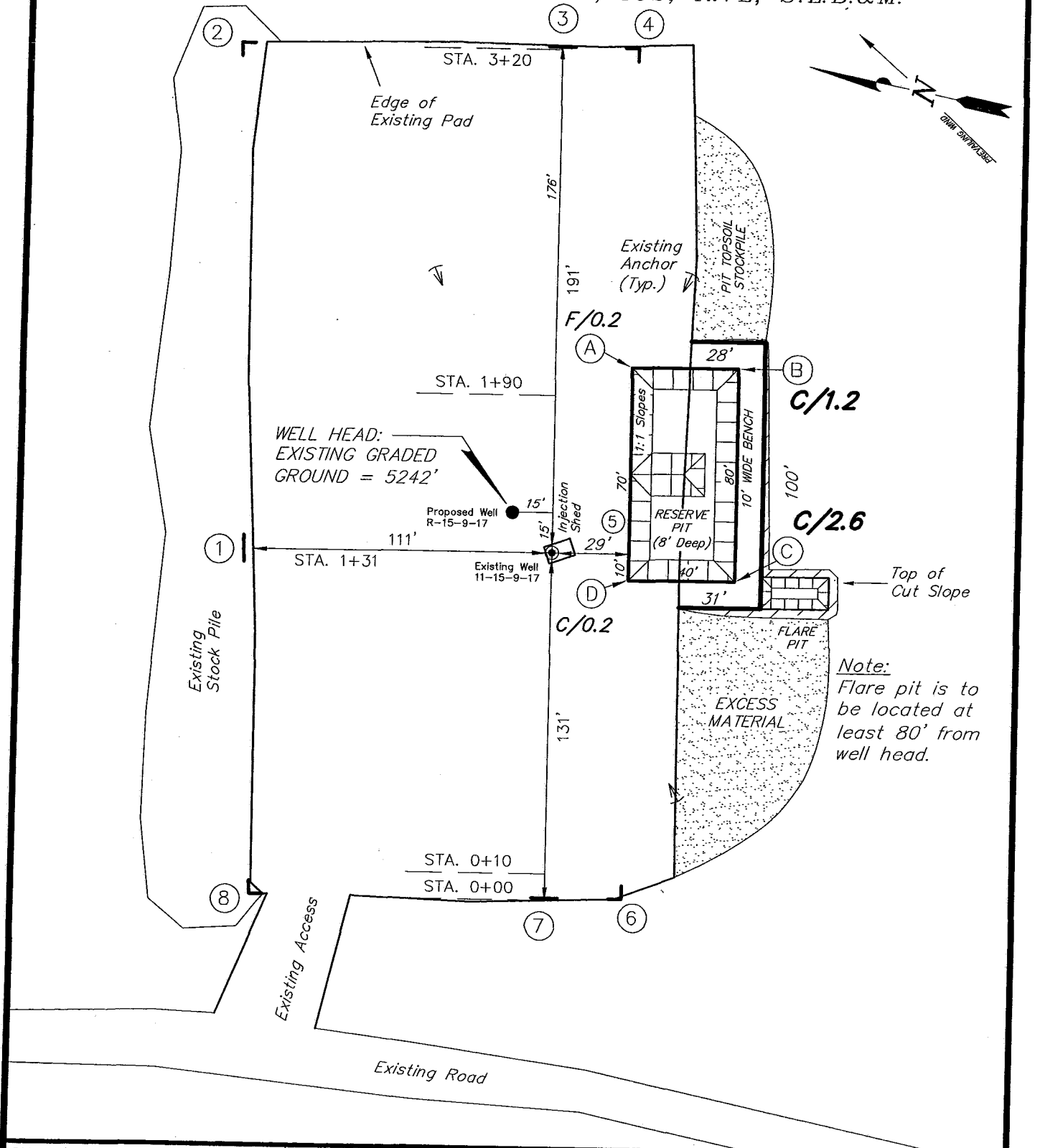
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

LONE TREE R-15-9-17 (Proposed Well)

LONE TREE 11-15-9-17 (Existing Well)

Pad Location: NESW Section 15, T9S, R17E, S.L.B.&M.



SURVEYED BY: C.M.

DATE SURVEYED: 10-08-08

DRAWN BY: F.T.M.

DATE DRAWN: 10-13-08

SCALE: 1" = 50'

REVISED:

Tri State
Land Surveying, Inc.

(435) 781-2501

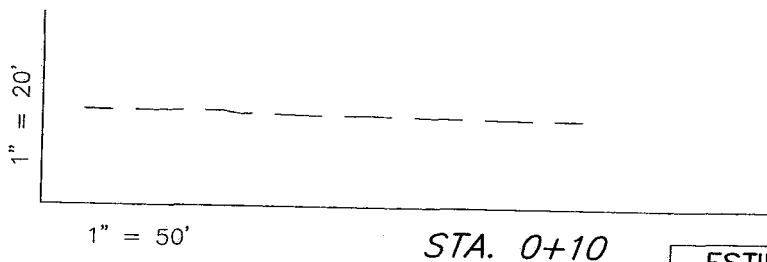
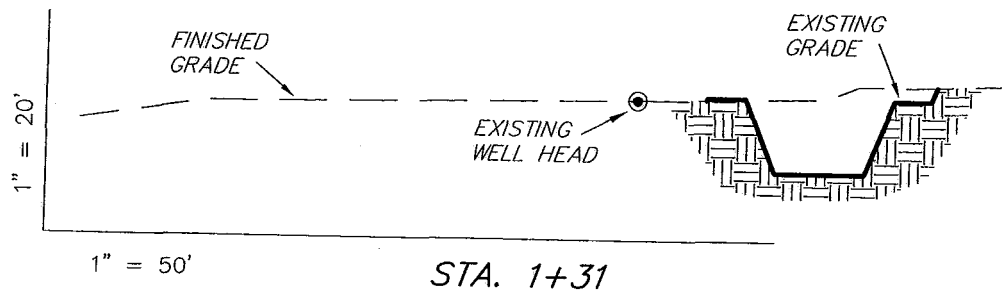
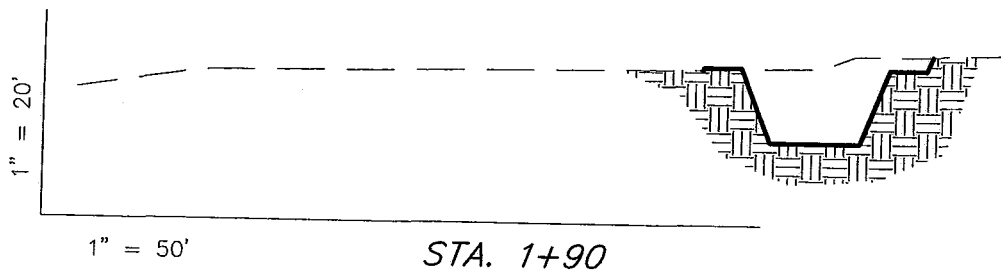
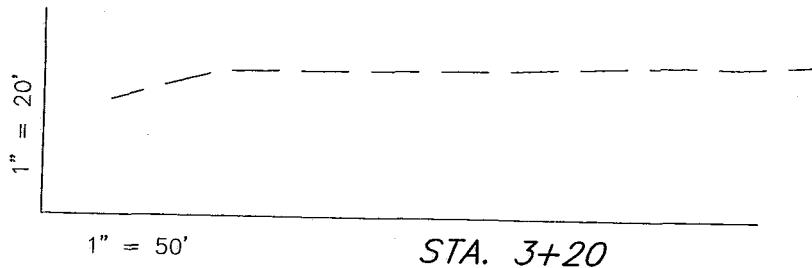
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

LONE TREE R-15-9-17 (Proposed Well)

LONE TREE 11-15-9-17 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	250	10	Topsoil is not included in Pad Cut	240
PIT	640	0		640
TOTALS	890	10	130	880

SURVEYED BY: C.M.	DATE SURVEYED: 10-08-08
DRAWN BY: F.T.M.	DATE DRAWN: 10-13-08
SCALE: 1" = 50'	REVISED:

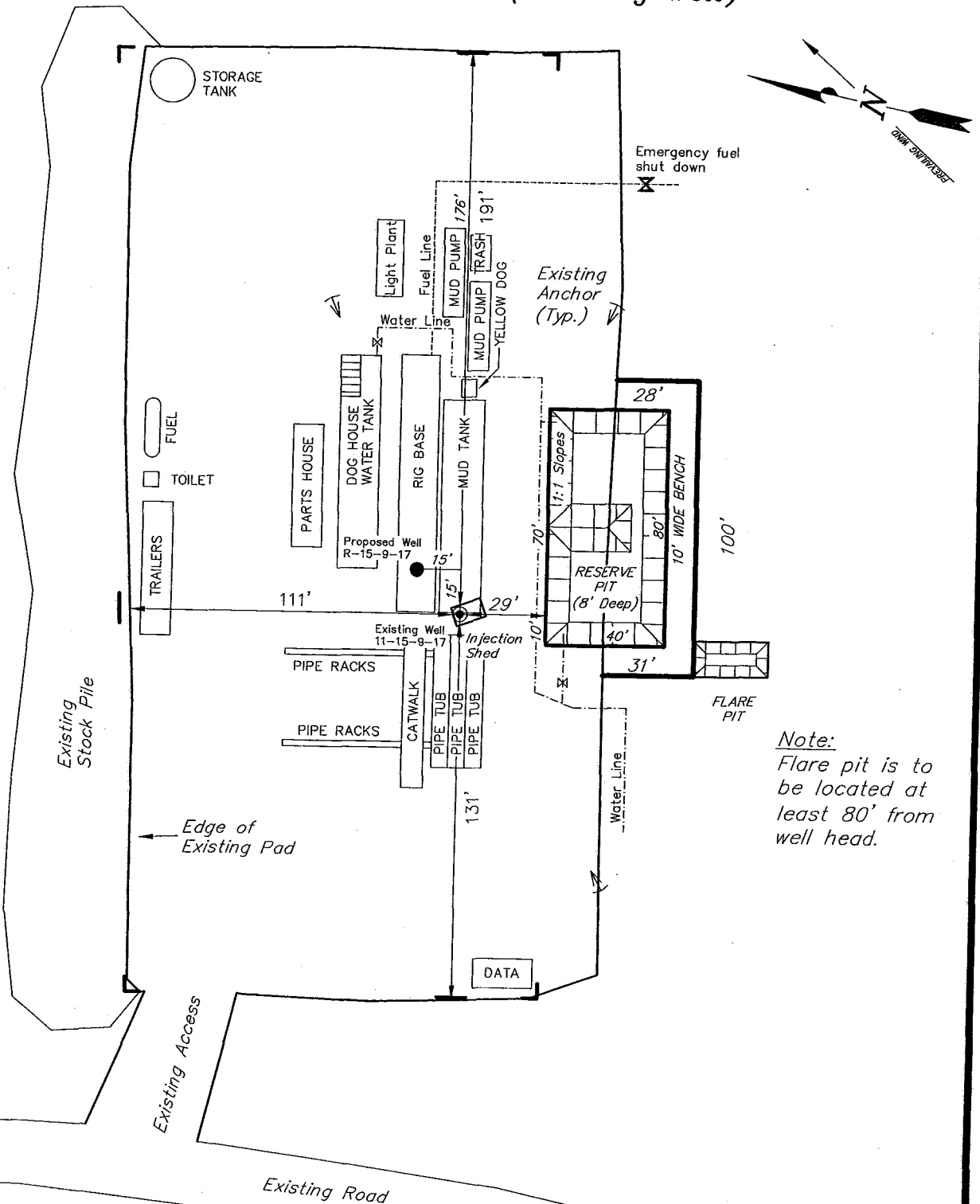
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

LONE TREE R-15-9-17 (Proposed Well)

LONE TREE 11-15-9-17 (Existing Well)



Note:
Flare pit is to be located at least 80' from well head.

SURVEYED BY: C.M.	DATE SURVEYED: 10-08-08
DRAWN BY: F.T.M.	DATE DRAWN: 10-13-08
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

CULTURAL RESOURCE EVALUATION OF VARIOUS LARGE TRACTS IN THE WELLS DRAW TO PARIETTE BENCH LOCALITY IN DUCHESNE & UINTAH COUNTIES, UTAH

Report Prepared for Inland Resources, Inc.

Department of Interior Permit No.: UT-98-54937

Utah State Project No.: UT-98-AF-0164bs

AERC Project 1598 (IPC98-4)

Author of the Report:

F. Richard Hauck, Ph.D



ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH CORPORATION

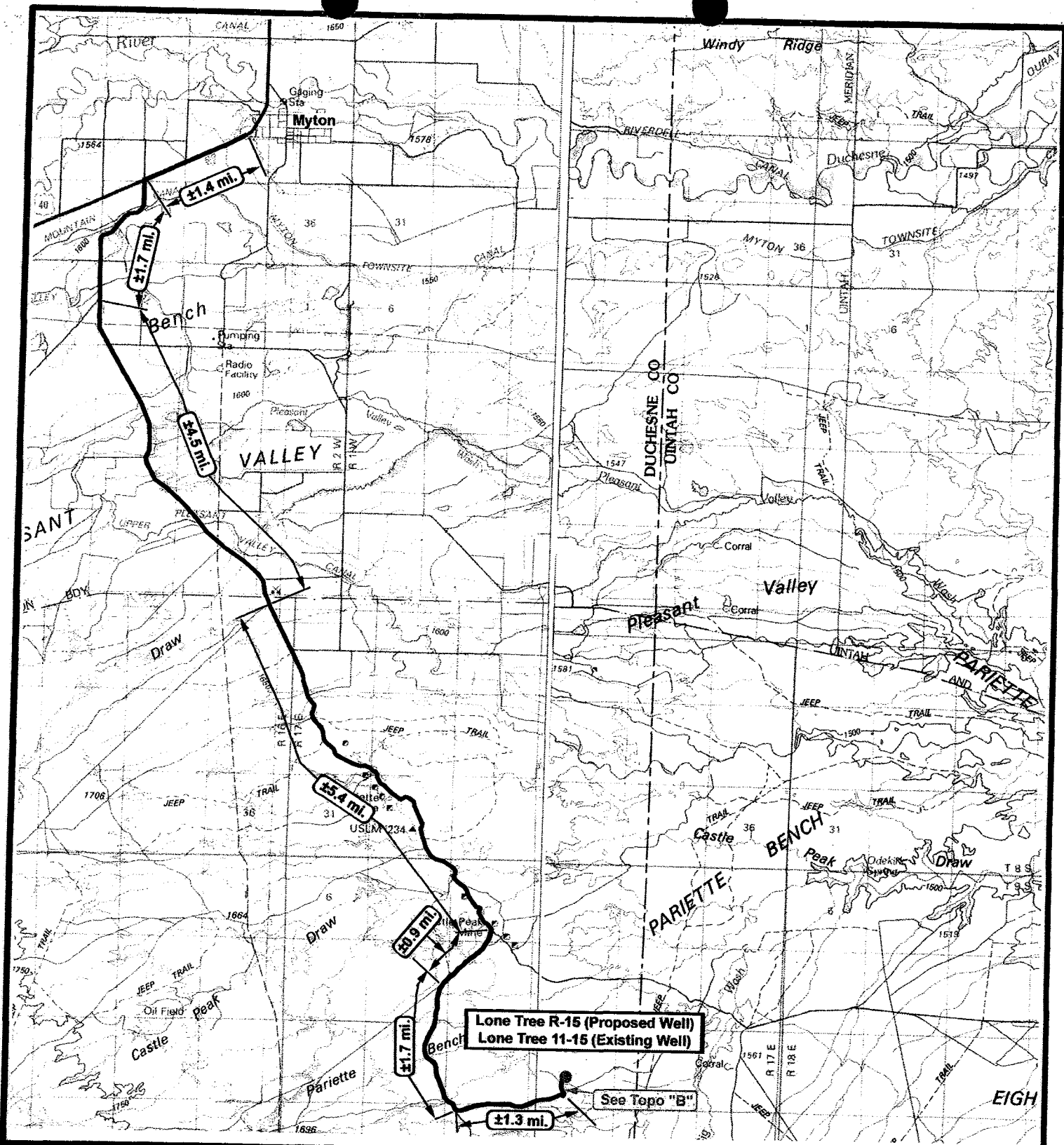
181 North 200 West, Suite 5 -- Bountiful, Utah 84010

P.O. Box 853, Bountiful, Utah 84011

Phone: (801) 292-7061, 292-9668 FAX: (801) 292-0614

E-mail: ari@xmission.com Web page: www.ari-aerc.org

July 21, 1998



NEWFIELD
Exploration Company

Lone Tree R-15-9-17 (Proposed Well)
Lone Tree 11-15-9-17 (Existing Well)
Pad Location NESW SEC. 15, T9S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: JAS
DATE: 10-16-2008

Legend

Existing Road

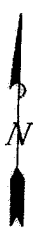
TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Lone Tree R-15-9-17 (Proposed Well)
Lone Tree 11-15-9-17 (Existing Well)
Pad Location NESW SEC. 15, T9S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.

(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: JAS

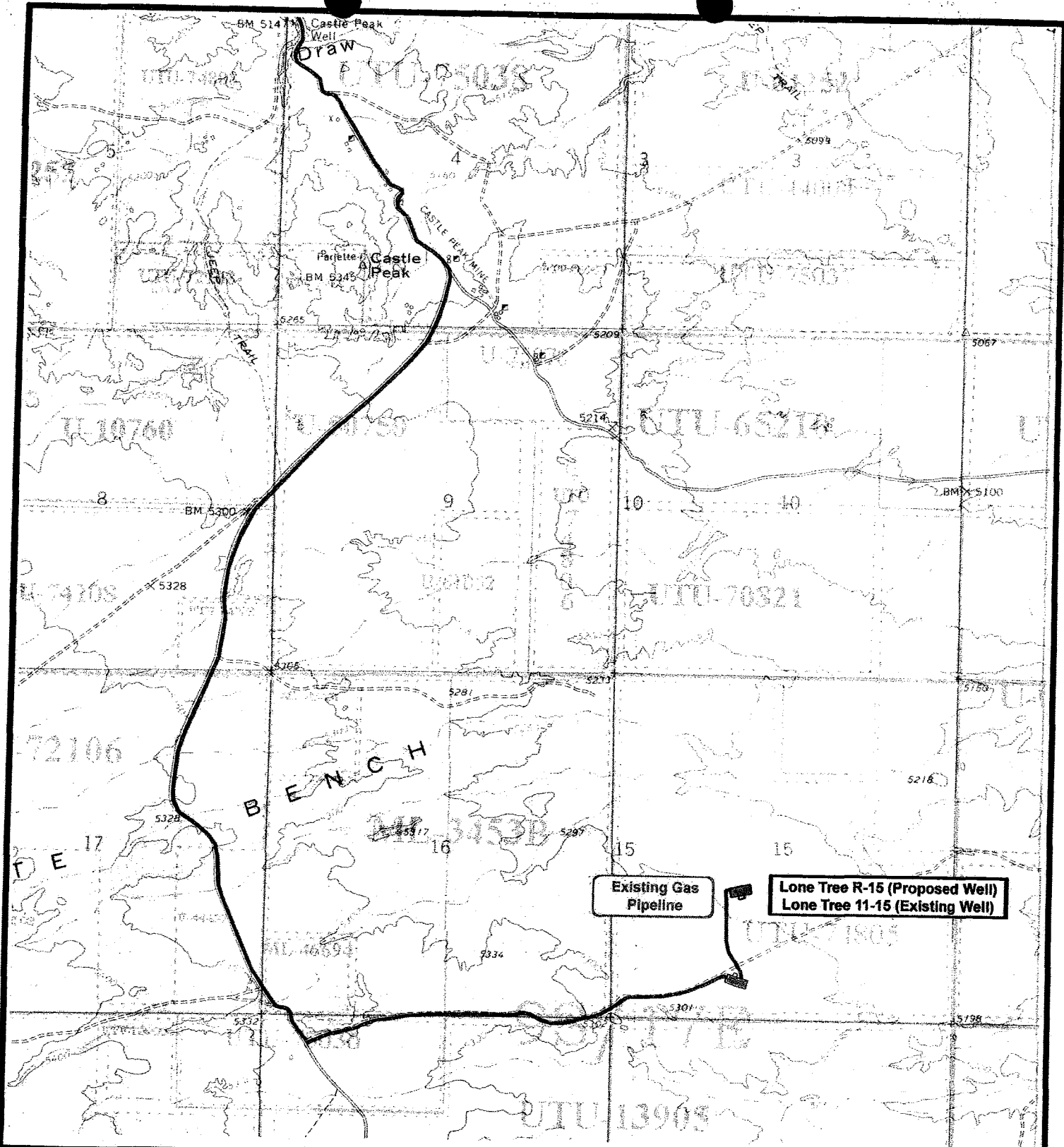
DATE: 10-16-2008

Legend

Existing Road

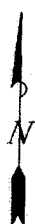
TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

Lone Tree R-15-9-17 (Proposed Well)
Lone Tree 11-15-9-17 (Existing Well)
Pad Location NESW SEC. 15, T9S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: JAS

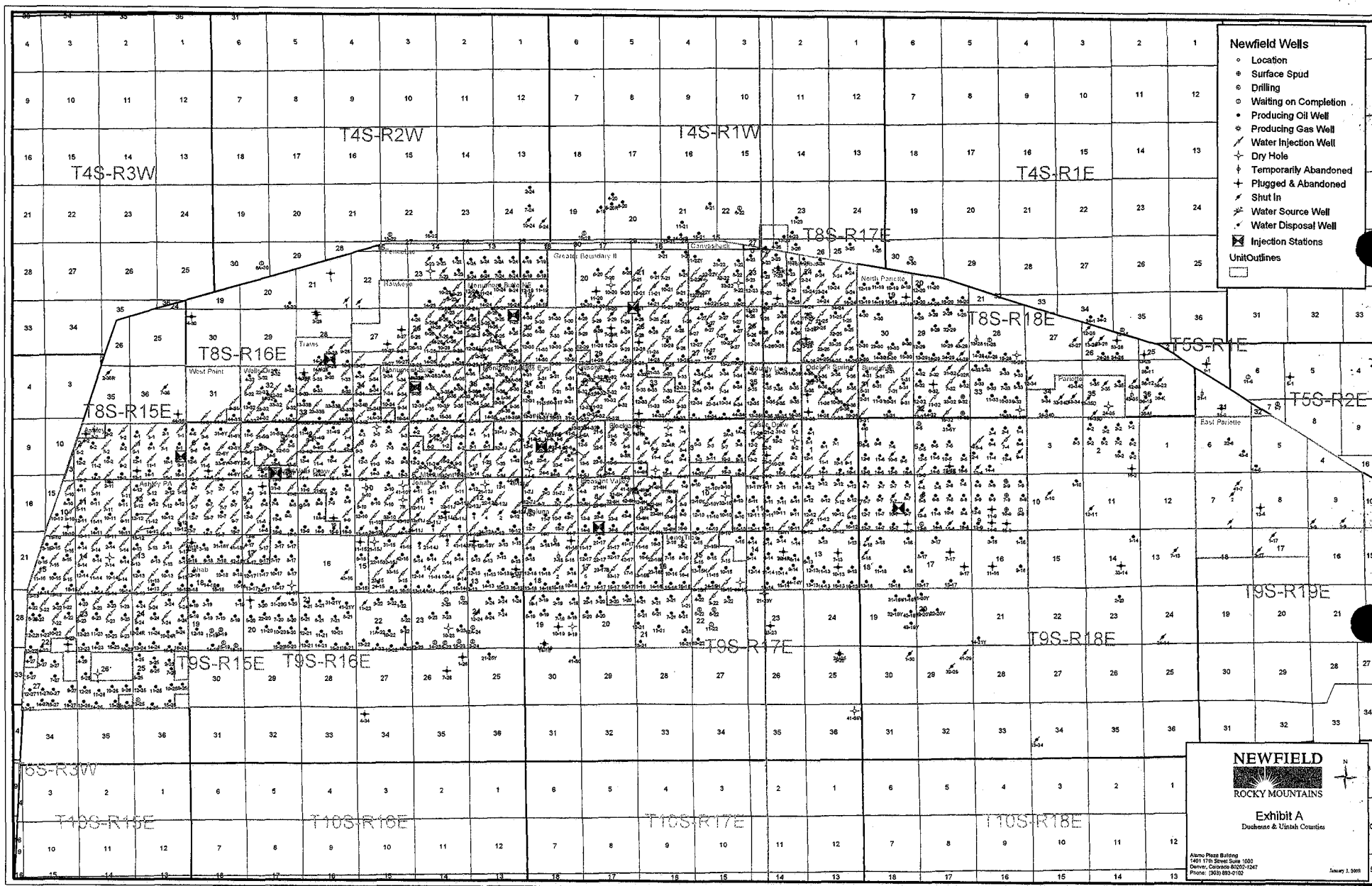
DATE: 10-16-2008

Legend

Roads

TOPOGRAPHIC MAP

"C"



- Newfield Wells**
- Location
 - Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - Producing Gas Well
 - Water Injection Well
 - Dry Hole
 - Temporarily Abandoned
 - Plugged & Abandoned
 - Shut In
 - Water Source Well
 - Water Disposal Well
 - Injection Stations
- Unit Outlines**



Exhibit A
Dukes & Upland Counties

Atkins Plaza Building
1401 17th Street Suite 1000
Denver, Colorado 80202-1047
Phone: (303) 893-2102

January 1, 2008

2-M SYSTEM

Blowout Prevention Equipment Systems

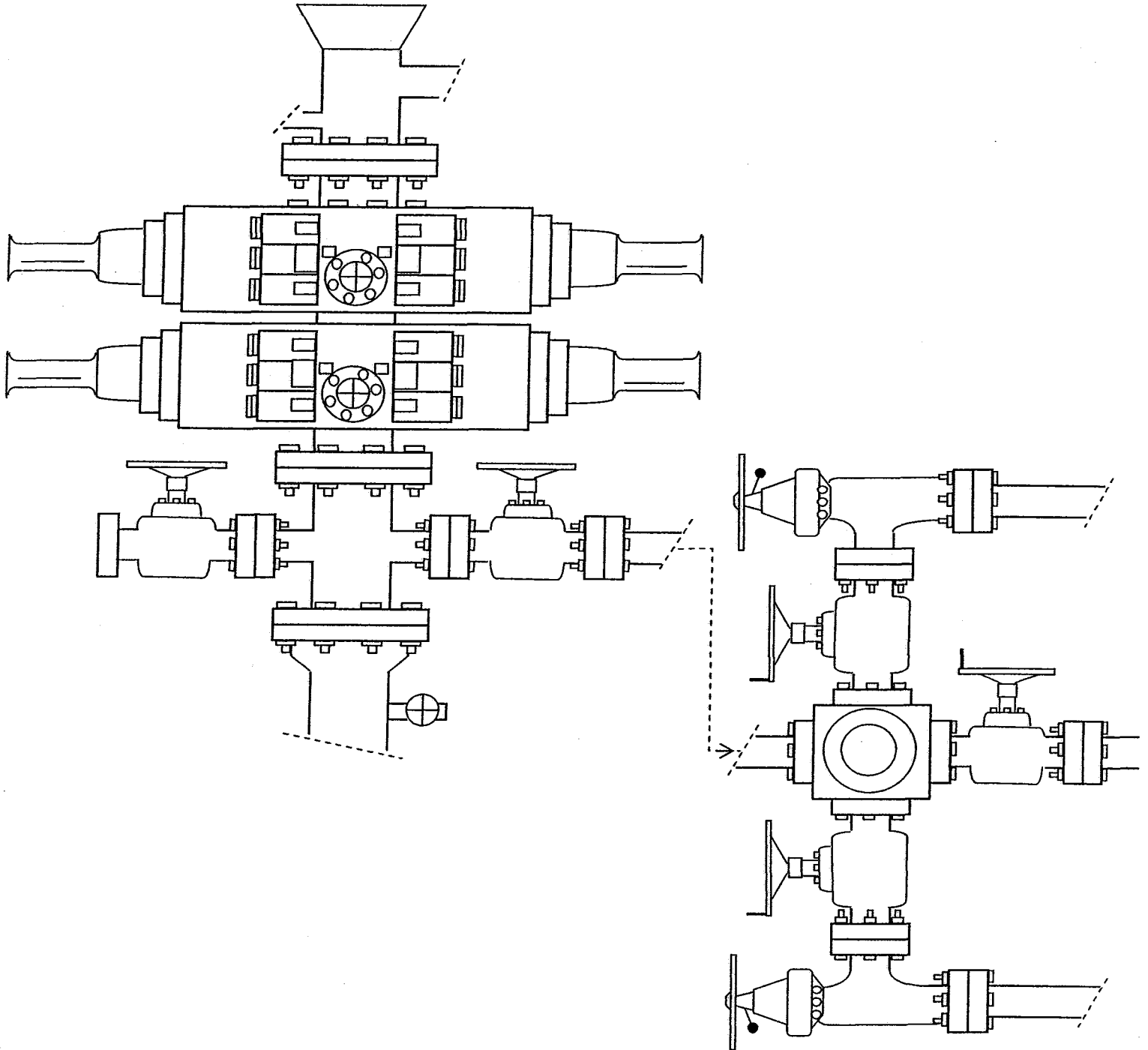


EXHIBIT C

Newfield Production Company

Proposed Site Facility Diagram

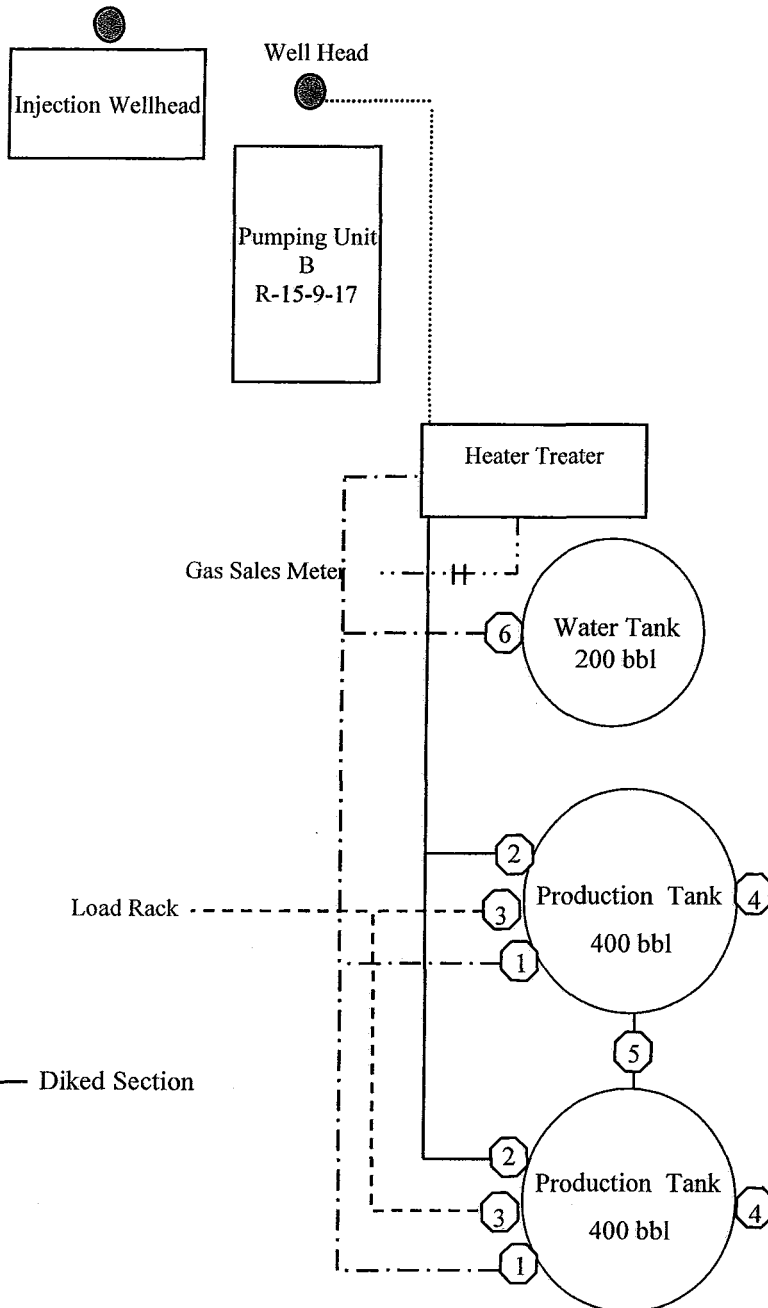
Lone Tree Federal R-15-9-17

From the 11-15-9-17 Location

NE/SW Sec. 15 T9S, R17E

Duchesne County, Utah

UTU-74805



Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Legend

Emulsion Line
Load Rack	-----
Water Line	- - - - -
Gas Sales
Oil Line	—————

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/11/2008

API NO. ASSIGNED: 43-013-34157

WELL NAME: LONE TREE FED R-15-9-17
OPERATOR: NEWFIELD PRODUCTION (N2695)
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NESW 15 090S 170E
SURFACE: 1998 FSL 1983 FWL
BOTTOM: 1320 FSL 2620 FEL
COUNTY: DUCHESNE
LATITUDE: 40.02927 LONGITUDE: -109.9943
UTM SURF EASTINGS: 585812 NORTHINGS: 4431280
FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU-74805
SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

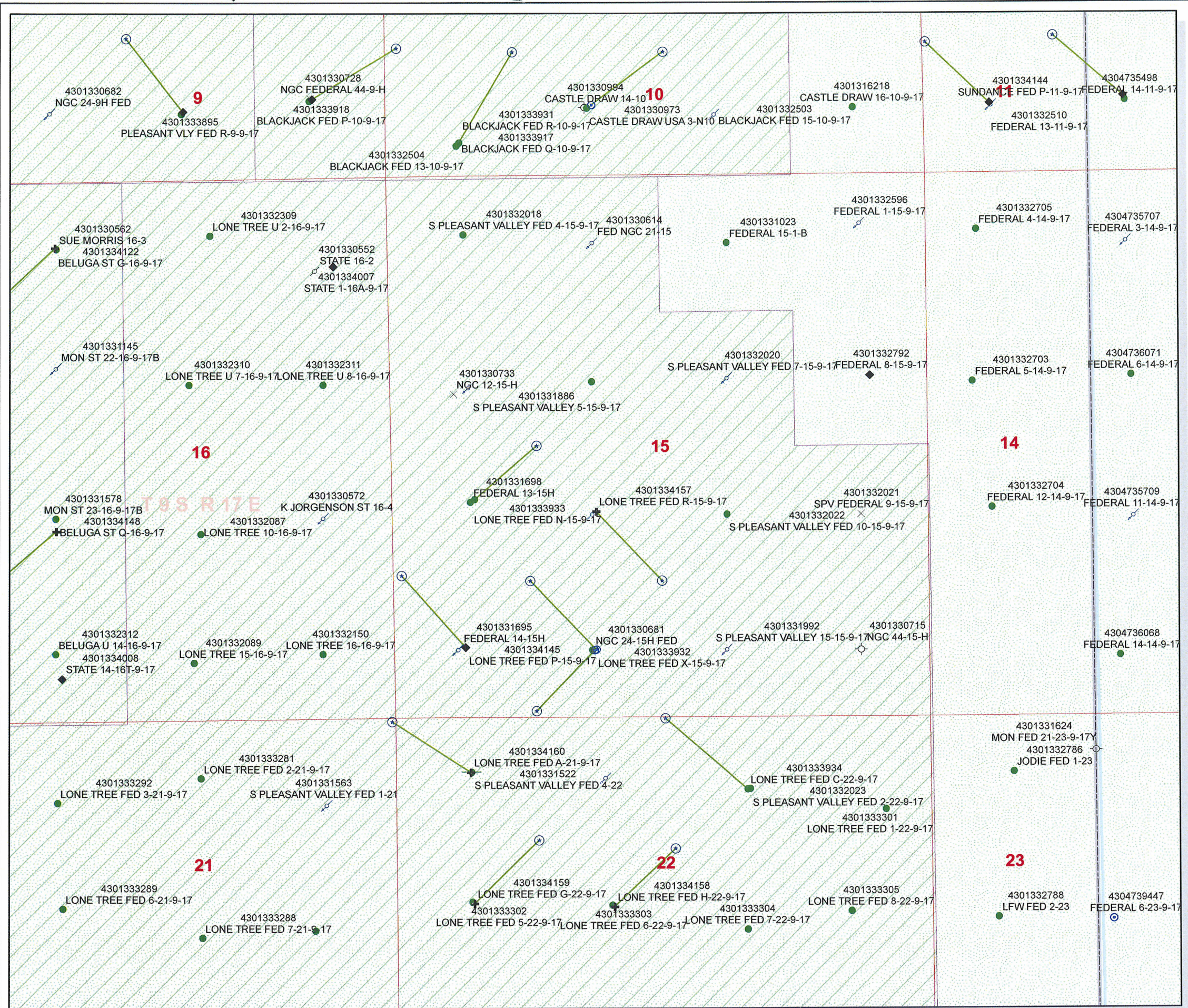
☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-7478)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

 R649-2-3.
Unit: LONE TREE (GRRV)
 R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
 R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 228-5
Eff Date: 8-26-1998
Siting: Suspends from 10 Siting
☒ R649-3-11. Directional Drill

COMMENTS: Sep. Separate SW

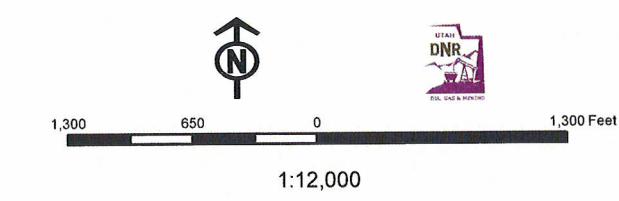
STIPULATIONS: 1- Fed. Appr. [Signature]



API Number: 4301334157
Well Name: LONE TREE FED R-15-9-17
Township 09.0 S Range 17.0 E Section 15
Meridian: SLBM
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units	Wells Query Events
STATUS	✕ <all other values>
ACTIVE	GIS_STAT_TYPE
EXPLORATORY	<Null>
GAS STORAGE	APD
NF PP OIL	DRL
NF SECONDARY	GI
PI OIL	GS
PP GAS	LA
PP GEOTHERML	NEW
PP OIL	OPS
SECONDARY	PA
TERMINATED	PGW
Fields	POW
STATUS	RET
ACTIVE	SGW
COMBINED	SOW
Sections	TA
Township	TW
	WD
	WI
	WS





December 9, 2008

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Lone Tree Federal R-15-9-17
Lone Tree Unit
UTU-77236X
Surface Hole: T9S R17E, Section 15: NESW
1998' FSL 1983' FWL
Bottom Hole: T9S R17E, Section 15
1320' FSL 2620' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated November 24, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Lone Tree Unit UTU-77236X. Newfield certifies that it is the Lone Tree Unit Operator and all lands within 460 feet of the entire directional well bore are within the Lone Tree Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,
NEWFIELD PRODUCTION COMPANY

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

RECEIVED

DEC 15 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

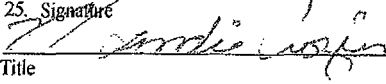
APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74805
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name NA
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Lone Tree
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Lone Tree Federal R-15-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NE/SW 1998' FSL 1983' FWL At proposed prod. zone 1320' FSL 2620' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 17.2 miles southeast of Myton, UT		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 15, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 1320' f/lse, 2620' f/unit (Also to nearest drig. unit line, if any)	16. No. of acres in lease 520.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1340'	19. Proposed Depth 5,735'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5242' GL	22. Approximate date work will start* 12 Oct. 2009	23. Estimated duration (7) days from SPUD to rig release
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 11/24/08
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

RECEIVED

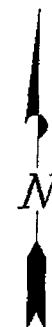
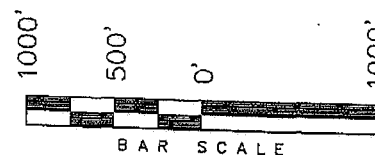
DEC 15 2008

DIV. OF OIL, GAS & MINING

T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, LONE TREE R-15-9-17,
LOCATED AS SHOWN IN THE NE 1/4 SW
1/4 OF SECTION 15, T9S, R17E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF No. 189377

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION NO. 12237
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078

(435) 781-2501

DATE SURVEYED:
10-08-08

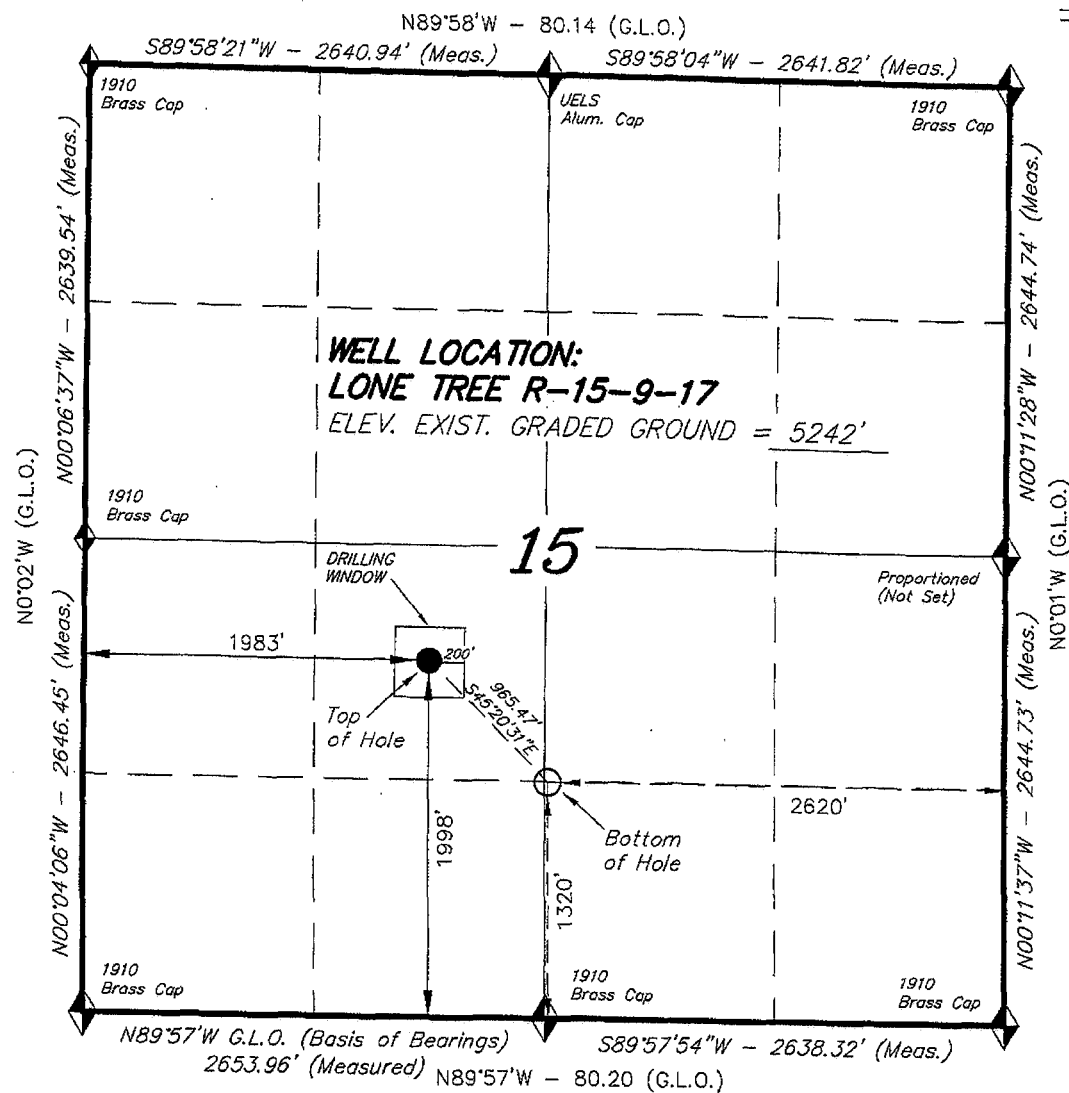
SURVEYED BY: C.M.


DATE DRAWN:
10-13-08

DRAWN BY: F.T.M.

REVISÉ:

SCALE: 1" = 1000'



 = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

LONE TREE R-15-9-17
(Surface Location) NAD 83
LATITUDE = 40° 01' 45.01"
LONGITUDE = 109° 59' 42.33"

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

December 19, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 Plan of Development Lone Tree Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Lone Tree Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-34161	Lone Tree Fed 14-21-9-17 Sec 21 T09S R17E 0655 FSL 2179 FWL	
43-013-34162	Lone Tree Fed 10-21-9-17 Sec 21 T09S R17E 2058 FSL 2079 FEL	
43-013-34163	Lone Tree Fed 15-21-9-17 Sec 21 T09S R17E 0589 FSL 1893 FEL	
43-013-34157	Lone Tree Fed R-15-9-17 Sec 15 T09S R17E 1998 FSL 1983 FWL	
	BHL Sec 15 T09S R17E 1320 FSL 2620 FEL	
43-013-34158	Lone Tree Fed H-22-9-17 Sec 22 T09S R17E 1863 FNL 2098 FWL	
	BHL Sec 22 T09S R17E 1295 FNL 2517 FEL	
43-013-34159	Lone Tree Fed G-22-9-17 Sec 22 T09S R17E 1829 FNL 0724 FWL	
	BHL Sec 22 T09S R17E 1213 FNL 1375 FWL	
43-013-34160	Lone Tree Fed A-21-9-17 Sec 22 T09S R17E 0546 FNL 0697 FWL	
	BHL Sec 21 T09S R17E 0050 FNL 0060 FEL	

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File – Lone Tree Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 22, 2008

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Re: Lone Tree Federal R-15-9-17 Well, Surface Location 1998' FSL, 1983' FWL,
NE SW, Sec. 15, T. 9 South, R. 17 East, Bottom Location 1320' FSL, 2620' FEL,
NE SW, Sec. 15, T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-34157.

Sincerely,

Gil Hunt
Associate Director

js
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Field Office

Operator: Newfield Production Company
Well Name & Number Lone Tree Federal R-15-9-17
API Number: 43-013-34157
Lease: UTU-74805

Surface Location: NE SW **Sec.** 15 **T.** 9 South **R.** 17 East
Bottom Location: NE SW **Sec.** 15 **T.** 9 South **R.** 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R. 649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

RECEIVED
VERNAL FIELD OFFICE

5. Lease Serial No.
UTU-74805
6. If Indian, Allottee or Tribe Name
NA

1a. Type of work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator Newfield Production Company

3a. Address Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

7. Unit or CA Agreement, Name and No.
Lone Tree

8. Lease Name and Well No.
Lone Tree Federal R-15-9-17

9. API Well No.
43 013 3A157

10. Field and Pool, or Exploratory
Monument Butte

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface NE/SW 1998' FSL 1983' FWL

At proposed prod. zone 1320' FSL 2620' FEL 3WSE

11. Sec., T. R. M. or Blk. and Survey or Area
Sec. 15, T9S R17E

14. Distance in miles and direction from nearest town or post office*
Approximately 17.2 miles southeast of Myton, UT

12. County or Parish
Duchesne

13. State
UT

15. Distance from proposed*
location to nearest
property or lease line, ft. Approx. 1320' f/lse, 2620' f/unit
(Also to nearest drig. unit line, if any)

16. No. of acres in lease
520.00

17. Spacing Unit dedicated to this well
20 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1340'

19. Proposed Depth
5,735'

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5242' GL

22. Approximate date work will start*
1st Qtr. 2009

23. Estimated duration
(7) days from SPUD to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature *Mandie Crozier*
Title
Regulatory Specialist

Name (Printed/Typed)
Mandie Crozier

Date
11/24/08

Approved by (Signature) *[Signature]*
Title
Assistant Field Manager
Lands & Mineral Resources

Name (Printed/Typed)
Tom Reynolds
Office
VERNAL FIELD OFFICE

Date
APR 30 2009

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

NOTICE OF APPROVAL

*(Instructions on page 2)

NOS 10/20/08
RECEIVED
AFMSS# 005XS0052A
MAY 13 2009

DIV. OF OIL, GAS & MINING

UDOGM



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Lone Tree Federal R-15-9-17
API No: 43-013-34157

Location: NESW, Sec. 15, T9S, R17E
Lease No: UTU-74805
Agreement: Lone Tree (GR) Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Lori Ford	(435) 781-4406	
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- There is a Golden eagle nest within ½ mile of the location. With this occurrence there will be a timing restriction during construction and drilling activities to minimize disturbance during nesting periods from January 1 – August 31.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be **seeded using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Forage Kochia seeds must be broadcast. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Forage Kochia	<i>Kochia prostrata</i>	0.20	¼"
Squirreltail grass	<i>Elymus elymoides</i>	3.0	¼ - ½"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	½"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	⅛ - ¼"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

Final reclamation:

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.

Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim unless otherwise instructed. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: June 24, 2008) along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth

(from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

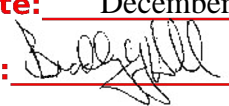
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74805			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: LONE TREE FED R-15-9-17			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1998 FSL 1983 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 15 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013341570000			
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
COUNTY: DUCHESNE		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/18/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield requests to extend the permit to drill this well for one more year.					
Approved by the Utah Division of Oil, Gas and Mining					
Date: December 21, 2009					
By: 					
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech			
SIGNATURE N/A	DATE 12/17/2009				



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013341570000

API: 43013341570000

Well Name: LONE TREE FED R-15-9-17

Location: 1998 FSL 1983 FWL QTR NESW SEC 15 TWNP 090S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 12/22/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Mandie Crozier

Date: 12/17/2009

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: December 21, 2009

By:

RECEIVED December 17, 2009

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

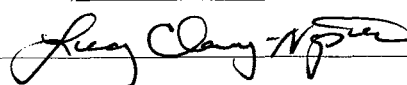
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-74805
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1998 FSL 1983 FWL OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 15, T9S, R17E NESW		8. WELL NAME and NUMBER: LONE TREE FEDERAL R-15-9-17
PHONE NUMBER 435.646.3721		9. API NUMBER: 4301334157
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/05/2010			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 05-05-10, attached is a daily completion status report.

NAME (PLEASE PRINT) <u>Lucy Chavez-Naupoto</u>	TITLE <u>Administrative Assistant</u>
SIGNATURE 	DATE <u>05/13/2010</u>

(This space for State use only)

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MAY 18 2010

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

LONE TREE R-15-9-17**3/1/2010 To 7/30/2010****4/26/2010 Day: 1****Completion**

Rigless on 4/26/2010 - CBL/perferate 1st stage. - Instal frac head & Cameron BOP's. RU Hot Oiler & test casing, frac head w/ valves & BOP's to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD was 5762' w/ cement top @ 206'. RIH w/ 3-1/8" Port Guns (11 gram, .36"EH, 120°, 16.82"pen) & perferate CP3 sds @ 5482-84', 5471-73', CP3 sds @ 5372-76', 5354-56' w/ 3 spf for total of 30 shots. SIFN w/ 138 bbls EWTR.

Daily Cost: \$0**Cumulative Cost:** \$12,265

4/30/2010 Day: 2**Completion**

Rigless on 4/30/2010 - Frac stage #1. Perforate & frac stages 2 & 3. Flow back well - RU PSI WLT & BJ services. Frac stage #1. Perforate & frac stages 2 & 3. RD PSI WLT & BJ services. EWTR 1016 BBLs. RU flowback equipment. Open well to pit for flowback. Well flowed for 2.5 hrs to recover 270 bbls water. EWTR 746 BBLs

Daily Cost: \$0**Cumulative Cost:** \$61,235

5/2/2010 Day: 3**Completion**

Stone #8 on 5/2/2010 - MIRUSU. Prep & tally tbg. TIH picking up & drifting tbg to clean out well - MIRUSU Basic #1256. Check well pressure. 2100 psi. Open well to pit to bleed off. ND Cameron BOP. Break out frac head. MU wellhead. NU Schaffer BOP. Prep & tally tbg. MU 4 3/4" Weatherford chomp bit, bit sub, & PSN. Prep & tally 2 7/8" J-55 6.5# EUE tbg. TIH picking up & drifting tbg. Get in hole w/ jts tbg. Tag 1st CBP @ 4940'. Drill out CBP. Continue picking up tbg to tag next CBP @ 4674'. Drill out CBP. Continue picking up tbg to tag sand @ 5570'. Clean out sand to 5802'. Circulate clean. SDFN

Daily Cost: \$0**Cumulative Cost:** \$70,100

5/4/2010 Day: 4**Completion**

Stone #8 on 5/4/2010 - Clean out to PBTD. Swab well. Trip tbg for production - Open well. CSG 400 psi. TBG 200 psi. RU pump 7 pump lines. Tag sand @ 5683'. Clean out sand to PBTD @ 5802'. LD 3 jts tbg. RU swab equipment. RIH w/ swab. IFL @ surface. Make 19 swab runs to recover 153 bw. 10% oil cut some gas & no sand. RD swab equipment. PU 3 jts tbg to tag PBTD no new sand. LD 8 jts tbg. TOOH w/ tbg. LD bit & bit sub. MU btm hole assembly & TIH w/ tbg detail @ follows. NC, 2 jts 2 7/8" j-55 tbg, PSN, 1 jt tbg, TAC, & 177 jts tbg. Get in hole w/ tbg. RD workflow. ND BOP. Set TAC. MU B-1 adapter flange. Land tbg on wellhead w/ 18000# tension. EWTR 586 BBLs

Daily Cost: \$0**Cumulative Cost:** \$79,690

5/5/2010 Day: 5**Completion**

Stone #8 on 5/5/2010 - PU rods. PWOP - Check pressure. TBG 50 psi. Flush tbg w/ 40 bw. PU & prime new Central Hydraulic 2 1/2" x 1 3/4" x 21' x 24' RHAc pump. TIH picking up rod detail @ follows. 4 - 1 1/2" wt bars & 214 - 7/8" guided rods. Get in hole w/ rods. Space out pump w/ 1 - 2' & 1 - 8' x 7/8" pony subs. PU new 1 1/2" x 30' polished rod. RU pumping unit. Fill & test tbg to 200 psi w/ 1 bw. Stroke test pump to 800 psi w/ unit. RDMOSU PWOP @ 2:00 PM W/ 144" SL @ 5 SPM. FINAL REPORT! EWTR 627 BBLS

Daily Cost: \$0

Cumulative Cost: \$152,460

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. UTU-74805			
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv., Other: _____						6. If Indian, Allottee or Tribe Name			
2. Name of Operator NEWFIELD EXPLORATION COMPANY						7. Unit or CA Agreement Name and No. GMBU			
3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202						3a. Phone No. (include area code) (435)646-3721		8. Lease Name and Well No. LONETREE FEDERAL R-15-9-17	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1998' FSL & 1983' FWL (NE/SW) SEC. 15, T9S, R17E (UTU-74805) At top prod. interval reported below 1413' FSL & 2568' FWL (NE/SW) SEC. 15, T9S, R17E (UTU-74805) At total depth 1226' FSL & 2520' FEL (SW/SE) SEC. 15, T9S, R17E (UTU-74805)						10. Field and Pool or Exploratory MONUMENT BUTTE			
14. Date Spudded 04/03/2010						15. Date T.D. Reached 04/16/2010		11. Sec., T., R., M., on Block and Survey or Area SEC. 15, T9S, R17E	
16. Date Completed 05/04/2010 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.						12. County or Parish DUCHESNE		13. State UT	
18. Total Depth: MD 5835' TVD 5719'						19. Plug Back T.D.: MD 5802' TVD 5681'		17. Elevations (DF, RKB, RT, GL)* 5242' GL 5254' KB	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	319'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	5825'		250 PRIMLITE		206'	
						400 50/50 POZ			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	EOT@ 5540'	TA @ 5441'							
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Green River			5354-5484' CP2 CP3	.36"	3	30			
B) Green River			4774-4867' A.5	.34"	3	36			
C) Green River			4615-4624' C	.34"	3	18			
D) Green River									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
5354-5484'	Frac w/ 19714#s 20/40 sand in 178 bbls of Lightning 17 fluid.								
4774-4867'	Frac w/ 40013#s 20/40 sand in 267 bbls of Lightning 17 fluid.								
4615-4624'	Frac w/ 9781#s 20/40 sand in 89 bbls of Lightning 17 fluid.								
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5-5-10	5-18-10	24	→	40	0	27			2-1/2" x 1-3/4" x 21' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3448' 3636'
				GARDEN GULCH 2 POINT 3	3750' 4009'
				X MRKR Y MRKR	4255' 4293'
				DOUGALS CREEK MRK BI CARBONATE MRK	4419' 4658'
				B LIMESTON MRK CASTLE PEAK	4777' 5252'
				BASAL CARBONATE	5685'

32. Additional remarks (include plugging procedure):

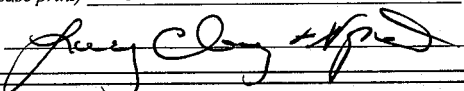
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-NaupotoTitle Administrative Assistant

Signature


Date 06/02/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 15 T9S R17E
R-15-9-17**

Wellbore #1

Survey: Survey #1

Standard Survey Report

20 April, 2010



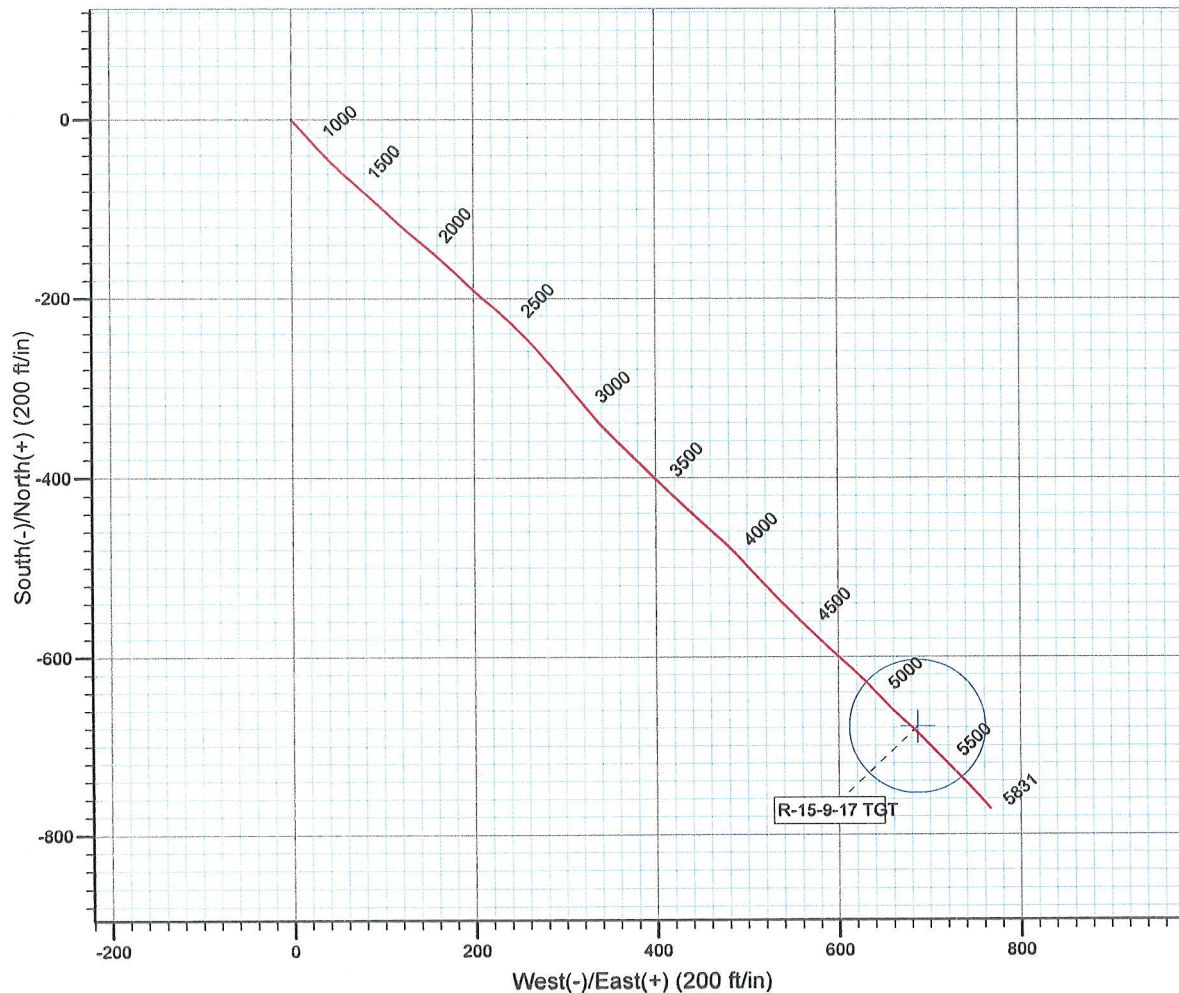
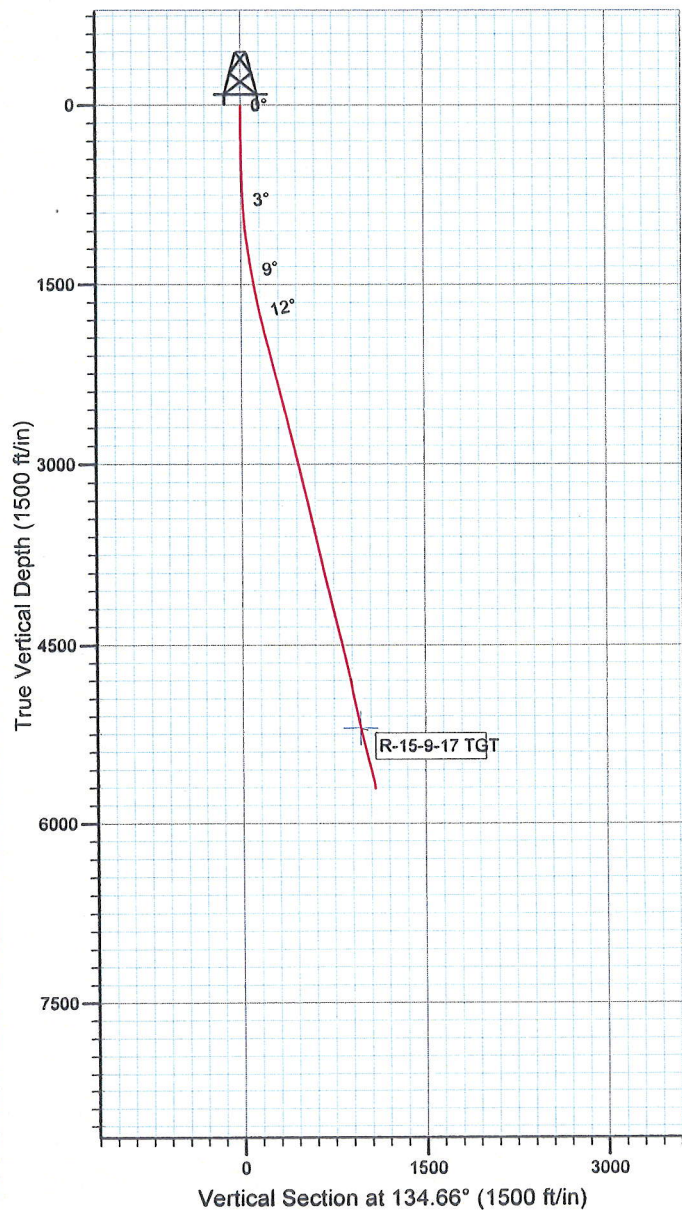
Project: USGS Myton SW (UT)
Site: SECTION 15 T9S R17E
Well: R-15-9-17
Wellbore: Wellbore #1
SURVEY: Wellbore #1

FINAL SURVEY REPORT



Azimuths to True North
Magnetic North: 11.45°

Magnetic Field
Strength: 52448.8snT
Dip Angle: 65.84°
Date: 12/31/2009
Model: IGRF200510



Survey: Survey #1 (R-15-9-17/Wellbore #1)

Created By: *Jim Hudson* Date: 11:26, April 20 2010
THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE
AND IS SUPPORTED BY ACTUAL FIELD DATA.



HATHAWAYBURNHAM

Survey Report

Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 15 T9S R17E
 Well: R-15-9-17
 Wellbore: Wellbore #1
 Design: Wellbore #1

Local Co-ordinate Reference: Well R-15-9-17
 TVD Reference: WELL @ 5254.0ft (NEWFIELD RIG)
 MD Reference: WELL @ 5254.0ft (NEWFIELD RIG)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA
 Map System: US State Plane 1983 System Datum: Mean Sea Level
 Geo Datum: North American Datum 1983
 Map Zone: Utah Central Zone Using geodetic scale factor

Site SECTION 15 T9S R17E, SEC 15 T9S, R17E

Site Position: Northing: 7,182,997.99ft Latitude: 40° 1' 46.007 N
 From: Lat/Long Easting: 2,062,000.00ft Longitude: 109° 59' 39.695 W
 Position Uncertainty: 0.0 ft Slot Radius: " Grid Convergence: 0.96 °

Well R-15-9-17, SHL: LAT 40 01 45.01 LONG -109 59 42.33

Well Position +N/-S 0.0 ft Northing: 7,182,893.67 ft Latitude: 40° 1' 45.010 N
 +E/-W 0.0 ft Easting: 2,061,796.75 ft Longitude: 109° 59' 42.330 W
 Position Uncertainty 0.0 ft Wellhead Elevation: 5,254.0 ft Ground Level: 5,242.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	11.45	65.84	52,449

Design Wellbore #1

Audit Notes:

Version: 1.0 Phase: ACTUAL Tie On Depth: 0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	134.66

Survey Program Date 4/20/2010

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
330.0	5,831.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
330.0	0.60	133.15	330.0	-1.2	1.3	1.7	0.18	0.18	0.00
360.0	1.20	142.10	360.0	-1.5	1.6	2.2	2.05	2.00	29.83
391.0	1.40	131.40	391.0	-2.0	2.1	2.9	1.01	0.65	-34.52
453.0	1.40	140.80	453.0	-3.1	3.1	4.4	0.37	0.00	15.16
514.0	1.60	139.30	513.9	-4.4	4.1	6.0	0.33	0.33	-2.46
544.0	1.30	136.50	543.9	-4.9	4.6	6.8	1.03	-1.00	-9.33
575.0	1.50	124.90	574.9	-5.4	5.2	7.5	1.12	0.65	-37.42
605.0	2.00	139.10	604.9	-6.0	5.9	8.4	2.19	1.67	47.33
636.0	1.90	143.30	635.9	-6.8	6.5	9.5	0.56	-0.32	13.55
667.0	2.00	142.00	666.9	-7.7	7.2	10.5	0.35	0.32	-4.19
697.0	2.40	141.80	696.9	-8.6	7.9	11.6	1.33	1.33	-0.67
728.0	2.70	137.60	727.8	-9.6	8.8	13.0	1.14	0.97	-13.55



HATHAWAYBURNHAM

Survey Report

Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 15 T9S R17E
Well: R-15-9-17
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Design: Wellbore #1

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North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
759.0	2.90	128.00	758.8	-10.7	9.9	14.5	1.64	0.65	-30.97
789.0	3.50	133.70	788.7	-11.8	11.1	16.2	2.26	2.00	19.00
820.0	3.70	133.30	819.7	-13.1	12.6	18.1	0.65	0.65	-1.29
850.0	3.70	134.30	849.6	-14.4	14.0	20.1	0.22	0.00	3.33
881.0	3.90	140.60	880.5	-16.0	15.3	22.1	1.49	0.65	20.32
912.0	4.40	138.00	911.5	-17.7	16.8	24.4	1.72	1.61	-8.39
944.0	4.90	140.70	943.4	-19.6	18.5	26.9	1.71	1.56	8.44
976.0	5.40	139.10	975.2	-21.8	20.3	29.8	1.63	1.56	-5.00
1,007.0	5.80	139.30	1,006.1	-24.1	22.3	32.8	1.29	1.29	0.65
1,039.0	5.70	135.10	1,037.9	-26.5	24.5	36.0	1.35	-0.31	-13.13
1,071.0	6.40	140.20	1,069.7	-29.0	26.8	39.4	2.76	2.19	15.94
1,103.0	6.70	139.60	1,101.5	-31.7	29.1	43.0	0.96	0.94	-1.88
1,134.0	7.40	138.30	1,132.3	-34.6	31.6	46.8	2.32	2.26	-4.19
1,166.0	7.50	138.70	1,164.0	-37.7	34.4	51.0	0.35	0.31	1.25
1,198.0	8.30	135.70	1,195.7	-40.9	37.4	55.4	2.81	2.50	-9.38
1,229.0	8.00	135.00	1,226.4	-44.1	40.4	59.7	1.02	-0.97	-2.26
1,261.0	8.90	134.00	1,258.1	-47.4	43.8	64.4	2.85	2.81	-3.13
1,293.0	8.60	134.80	1,289.7	-50.8	47.3	69.3	1.01	-0.94	2.50
1,324.0	8.80	134.50	1,320.3	-54.1	50.6	74.0	0.66	0.65	-0.97
1,356.0	8.80	131.20	1,352.0	-57.4	54.2	78.9	1.58	0.00	-10.31
1,388.0	9.40	131.80	1,383.6	-60.8	58.0	83.9	1.90	1.88	1.88
1,420.0	9.30	132.70	1,415.1	-64.2	61.8	89.1	0.55	-0.31	2.81
1,451.0	9.60	133.00	1,445.7	-67.7	65.6	94.2	0.98	0.97	0.97
1,483.0	9.70	132.20	1,477.3	-71.3	69.5	99.6	0.52	0.31	-2.50
1,578.0	10.70	131.20	1,570.8	-82.5	82.1	116.4	1.07	1.05	-1.05
1,673.0	11.10	132.50	1,664.0	-94.5	95.5	134.3	0.49	0.42	1.37
1,768.0	13.20	133.80	1,756.9	-108.2	110.0	154.3	2.23	2.21	1.37
1,863.0	13.40	131.40	1,849.4	-123.0	126.1	176.2	0.62	0.21	-2.53
1,958.0	13.30	130.60	1,941.8	-137.4	142.7	198.0	0.22	-0.11	-0.84
2,053.0	14.80	131.30	2,033.9	-152.5	160.1	221.1	1.59	1.58	0.74
2,148.0	14.40	133.90	2,125.9	-168.7	177.7	245.0	0.81	-0.42	2.74
2,243.0	14.70	134.80	2,217.8	-185.4	194.8	268.8	0.40	0.32	0.95
2,338.0	13.70	131.30	2,309.9	-201.3	211.8	292.1	1.39	-1.05	-3.68
2,433.0	13.59	131.52	2,402.3	-216.1	228.6	314.5	0.13	-0.12	0.23
2,529.0	13.97	134.89	2,495.5	-231.8	245.2	337.4	0.92	0.40	3.51
2,624.0	14.46	137.57	2,587.6	-248.6	261.4	360.7	0.86	0.52	2.82
2,719.0	14.70	139.31	2,679.5	-266.5	277.2	384.5	0.53	0.25	1.83
2,815.0	14.68	141.20	2,772.4	-285.2	292.8	408.8	0.50	-0.02	1.97
2,909.0	13.78	139.62	2,863.5	-303.0	307.5	431.7	1.04	-0.96	-1.68
3,005.0	14.47	141.05	2,956.6	-321.1	322.5	455.1	0.81	0.72	1.49
3,100.0	13.86	137.95	3,048.7	-338.8	337.5	478.2	1.02	-0.64	-3.26
3,195.0	13.84	135.60	3,140.9	-355.3	353.1	500.9	0.59	-0.02	-2.47
3,290.0	13.78	133.05	3,233.2	-371.2	369.3	523.6	0.64	-0.06	-2.68
3,385.0	13.43	135.16	3,325.5	-386.7	385.4	545.9	0.64	-0.37	2.22
3,480.0	12.57	133.18	3,418.1	-401.6	400.7	567.3	1.02	-0.91	-2.08
3,575.0	11.81	133.77	3,511.0	-415.4	415.3	587.4	0.81	-0.80	0.62
3,670.0	12.40	134.50	3,603.8	-429.3	429.6	607.3	0.64	0.62	0.77
3,765.0	13.80	133.10	3,696.4	-444.2	445.1	628.8	1.51	1.47	-1.47
3,860.0	13.00	130.90	3,788.8	-458.9	461.5	650.8	1.00	-0.84	-2.32
3,955.0	13.10	133.70	3,881.3	-473.4	477.3	672.2	0.67	0.11	2.95
4,050.0	13.50	138.20	3,973.8	-489.1	492.5	694.1	1.17	0.42	4.74
4,146.0	12.70	137.00	4,067.3	-505.1	507.2	715.8	0.88	-0.83	-1.25
4,241.0	13.60	137.80	4,159.8	-521.0	521.8	737.4	0.97	0.95	0.84
4,335.0	14.00	135.10	4,251.1	-537.3	537.2	759.8	0.81	0.43	-2.87



HATHAWAYBURNHAM

Survey Report

Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 15 T9S R17E
Well: R-15-9-17
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well R-15-9-17
TVD Reference: WELL @ 5254.0ft (NEWFIELD RIG)
MD Reference: WELL @ 5254.0ft (NEWFIELD RIG)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,430.0	13.70	135.70	4,343.3	-553.5	553.2	782.5	0.35	-0.32	0.63
4,526.0	13.90	134.60	4,436.6	-569.7	569.3	805.4	0.34	0.21	-1.15
4,621.0	13.00	134.10	4,528.9	-585.2	585.1	827.5	0.96	-0.95	-0.53
4,716.0	12.77	132.04	4,621.6	-599.6	600.6	848.7	0.54	-0.24	-2.17
4,811.0	11.76	133.11	4,714.4	-613.3	615.5	868.9	1.09	-1.06	1.13
4,906.0	11.87	135.44	4,807.4	-626.8	629.4	888.3	0.52	0.12	2.45
5,001.0	11.18	138.39	4,900.5	-640.7	642.4	907.3	0.96	-0.73	3.11
5,096.0	11.01	136.14	4,993.7	-654.1	654.8	925.5	0.49	-0.18	-2.37
5,191.0	12.17	134.10	5,086.7	-667.6	668.3	944.6	1.29	1.22	-2.15
5,286.0	12.00	132.26	5,179.6	-681.2	682.8	964.5	0.44	-0.18	-1.94
5,381.0	13.40	137.10	5,272.3	-695.9	697.6	985.3	1.85	1.47	5.09
5,476.0	14.20	136.50	5,364.6	-712.5	713.1	1,008.0	0.86	0.84	-0.63
5,571.0	14.60	135.80	5,456.6	-729.5	729.4	1,031.6	0.46	0.42	-0.74
5,666.0	12.90	138.10	5,548.9	-746.0	744.9	1,054.2	1.88	-1.79	2.42
5,776.0	11.73	138.78	5,656.3	-763.5	760.4	1,077.6	1.07	-1.06	0.62
5,831.0	11.40	139.50	5,710.2	-771.9	767.7	1,088.6	0.65	-0.60	1.31

Checked By: _____ Approved By: _____ Date: _____

Daily Activity Report

Format For Sundry

LONE TREE R-15-9-17**2/1/2010 To 6/30/2010****LONE TREE R-15-9-17****Waiting on Cement****Date:** 4/5/2010

Ross #29 at 320. Days Since Spud - On 4/3/10 Ross Rig #29 spud Lone Tree R-15-9-17, drilled 320' of 12 1/4" hole, and ran 7 jts 8 5/8" - 8 5/8" casing w/ 160 sks Class "G" + 2% CaCl₂ + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield. - casing (guide shoe, shoe jt, baffle plate, 6 jts) set @ 318.59' KB. On 4/5/10 BJ Services cemented - Returned 4 bbls to pit.

Daily Cost: \$0**Cumulative Cost:** \$28,719

LONE TREE R-15-9-17**Rigging Up****Date:** 4/13/2010

NDSI #2 at 320. 1 Days Since Spud - Rig Down Prepair For Rig Move To Lone Tree R-15-9-17

Daily Cost: \$0**Cumulative Cost:** \$33,301

LONE TREE R-15-9-17**Drill 7 7/8" hole with fresh water****Date:** 4/14/2010

NDSI #2 at 2425. 2 Days Since Spud - 4/13/10 MIRU Set All Equipment W/Marcus Liddell Trucking (3.0 Mile Move From. BJ V-4-9-17) - Accept Rig @ 12:00 R/U B&C Quick Test. Test Upper Kelly,Safety Valves,Pipe,Blind Rams,Choke Line And - No H₂s Reported Last 24 Hrs. - IF-XH Sub 1x2'Gap Sub, 1x2' XH-IFSub,1x3' Antena Sub, 1x30' Monel DC, 26 jts HWDP, Tag @275' - P/U BHA. Smith MI 616 7 7/8" PDC,6.5" Hunting 7/8 4.8 .33 Rev 1.5 deg. Mud Motor, 1x30' Monel DC,1x2 - Manifold To 2000 psi For 10 Mins. Test 8 5/8" Casing To 1500 psi For 30 Mins All Test OK. - Drill 7 7/8" Hole From 275' To 2425' 20,000 lbs WOB,162 TRPM,340 GPM, 155.9 fph AVG ROP.

Daily Cost: \$0**Cumulative Cost:** \$81,010

LONE TREE R-15-9-17**Drill 7 7/8" hole with fresh water****Date:** 4/15/2010

NDSI #2 at 4676. 3 Days Since Spud - Well Flowing 4 gal/min @ 3385' - Drill 7 7/8" Hole From 2425' To 3376'. 20,000 lbs WOB,340 GPM 162 TRPM,118.8 fph AVG ROP - Rig Service, Check Crown-A-Matic,Function Test Bop's - Drill 7 7/8" Hole From 3376' To 4676'. 22,000 lbs WOB,340 GPM,162 TRPM, 83.8 fph AVG ROP. - No H₂s Reported Last 24 Hrs. - Boiler 5 Hrs.

Daily Cost: \$0**Cumulative Cost:** \$114,542

LONE TREE R-15-9-17**Lay Down Drill Pipe/BHA****Date:** 4/16/2010

NDSI #2 at 5835. 4 Days Since Spud - Boiler 5 hrs - Well Flowing 10 gal/min @ 4802' & @5835' - LDDP & BHA - Pump 260 bbls 10# Brine Water - LDDP To 4,000' - Circ Hole For Logs & Laydown - Drill 7 7/8" Hole From 5309' To 5835' TD,20,000 lbs WOB TRPM 162, GPM 340, 61.8 fph AVG ROP. - Rig Service, Check Crown-A-Matic, Function Test Bop's - Drill 7 7/8" Hole From 4676' To 5309'. 23,000 WOB,TRPM 162 ,GPM 340, 66.6 fph AVG ROP - No H₂s Reported Last 24 Hrs **Finalized**

Daily Cost: \$0

Cumulative Cost: \$156,292

LONE TREE R-15-9-17**Wait on Completion****Date:** 4/17/2010

NDSI #2 at 5835. 5 Days Since Spud - Clean Mud Tanks. - Nipple Down Bop's Set Slip With 88,000# Tension - Claytreat Water. Returned 28 bbls Cement To Pit - 14.4 ppg & 1.24 yield (50:50:2+3%KCL+0.5%EC-1+.25#CF+.05#SF+.3SMS+FP-6L) Displaced With 128.2 bbls - 11.0 ppg & 3.50 yield(PL II+3% KCL+5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF) Pumped 400 sks Lead Cement @ - R/U BJ Services Cement Head Circ Well ,Pressure Test Lines To 3500 psi. Pumped 250 sks Lead Cement @ - Released Rig @ 8:30 PM 4/16/10 - R/U Marcus Liddell Casing Crew. Run 134 jts 5.5" J-55 15.5# LT&C Casing. Shoe @ 5825' Float Collar @ - R/U B&C Quick Test. Tested 5 1/2" Pipe Rams To 2000 psi For 10 Mins Tested OK - TO3,000' Loggers TD 5818' - R/U Phoenix Surveys Log Well With DISGL/SP/GR Suite TD To Surface Casing,DSN/SDL/GR/CALSuite Logs TD - Lay Down BHA - 5802'. 5jts Will Be Transferred To LT Fed A-21-9-17 (219.09') **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$260,697

Pertinent Files: Go to File List